

PAT-NO: JP401131628A
DOCUMENT-IDENTIFIER: JP 01131628 A
TITLE: SAND-CONTAINING ARTIFICIAL TURF GROUND
PUBN-DATE: May 24, 1989

INVENTOR-INFORMATION:

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NAME

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N/A

APPL-NO: JP62289635

APPL-DATE: November 18, 1987

INT-CL (IPC): A47G027/02

ABSTRACT:

PURPOSE: To uniformly disperse sand and to facilitate maintenance such as brushing by laying an artificial turf prepd. by filling crimped pile yarns made of a synthetic resin on a base material on a stable base and scattering sand in the turf.

CONSTITUTION: An artificial turf prepd. by filling crimped pile yarns made of a synthetic resin on a base material is laid down on a stable base and sand is scattered in the turf. For the artificial turf used, it is necessary to use crimped pile yarns. There exists no special restriction on the kind of the synthetic resin but nylon and polypropylene are ordinary and due to the point of wear resistance, nylon is pref. The pile yarns of the artificial

turf are

crimped and the narrow pieces are not straightly piled upward but as they are bent or curled, gaps among narrow pieces are evenly uniform and the pile yarns exhibit excellent compression recovery. When sand is scattered in the turf, the narrow pieces of piles are extremely complicatedly bent and entanglements are generated and dislocation of the sand is not allowed and the sand is uniformly dispersed.

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